LENSES

HASSELBLAD HC 3.2/150N

GENERAL LENS DATA:

Focal length Aperture range Angle of view diag/hor/vert Length/diameter Weight Filter diameter 150.2 mm 3.2 - 45 26°/21°/16° 124 mm/86 mm 970 g 77 mm

CLOSE FOCUS RANGE DATA:

Minimum distance object to film Maximum image scale Corresponding area of coverage Corresponding exposure reduction

1.30 m 1:6.8 38 x 28 cm 0 f-stop



LENS DESIGN

9 elements in 8 groups

FOCUS TYPE

Internal focusing

ENTRANCE PUPIL POSITION

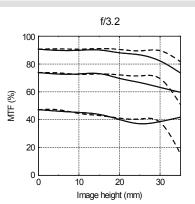
68 mm in front of the film plane (at infinite focus setting)

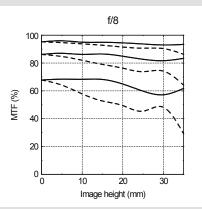
The entrance pupil position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.

MTF

Modulation Transfer as a function of image height at infinite focus setting.

Sagittal slit orientation drawn with continuous line and tangential with dashed. White light. Spatial frequencies 10, 20 and 40 lp/mm





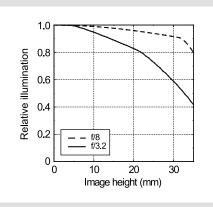
1/2

www.hasselblad.com



HASSELBLAD HC 3.2/150N

RELATIVE ILLUMINATION



DISTORTION 2 meters and infinity setting 1 1 Infinity 2 m Distortion (%) Distortion (%) 0 0 -1 -1 └─ 0 -2 L 0 10 20 30 10 20 30 Image height (mm) Image height (mm)

HASSELBLAD

www.hasselblad.com